

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8763	430/5.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:09
L2	295	216/12.ccls. not 1	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:09
L3	20342	(phas\$3 or shift\$3) near3 (mask or photomask or reticle) or \$3PSM	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:11
L4	3729	3 with (attenuat\$3 or halftone or half tone or semitransparen\$3 or semi transparen\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:12
L5	134	4 with (embed or embedded or embedding)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 11:10
L6	33	(5 or EAPSM or (embed or embedded or embedding) near2 (APSM or att PSM or attPSM)).ti,ab.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:14
L7	104	(5 or EAPSM or (embed or embedded or embedding) near2 (APSM or att PSM or attPSM)) not 6	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 11:10
L8	222363	(fram\$3 or border\$3 or edg\$3) with (opaque or shield\$3 or block\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:16
L9	915	8 and (1 or 2)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:16
L10	19	(6 or 7) and 9	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:17
L11	281	4 and 9 not 6 not 7 not 10	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:19
L12	81633	(ring\$3 or window\$3 or fram\$3 or border\$3 or edge\$3) same (resist or photoresist) not 6 not 7 not 10	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:20
L13	531940	(ring\$3 or window\$3 or fram\$3 or border\$3 or edge\$3) same (opaque or shield\$3 or block\$3 or chrome or chromium or "Cr") not 6 not 7 not 10	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:21
L14	17310	12 and 13	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:21

## EAST Search History

L15	2539	430/296,942.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:22
L16	3231	430/945.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:22
L17	26052	(laser) same (resist or photoresist)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:23
L18	82	11 and (16 or 17)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:26
L19	19356	(electron beam or e beam) same (resist or photoresist)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:25
L20	48	11 and (15 or 19) not 6 not 7 not 10 not 18	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:28
L21	441	14 and 4 not 6 not 7 not 10 not 18 not 20	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:29
L22	35	21 and (EAPSM or (embed or embedded or embedding))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:30
L23	16781	set near2 (mask or photomask or reticle or \$3PSM)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:32
L24	169	23 same (identif\$7 or "ID") near2 (code or barcode or bar code or number or symbol or character or letter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:34
L25	495	23 same (repair\$3 or defect\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:35
L26	5	24 and 25	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:38
L27	5	24 and (repair\$3 or defect\$3).ti,ab. not 26	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:39
L28	16	24 and (repair\$3 or defect\$3) not 26 not 27	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:39

## EAST Search History

L29	29	(mask or photomask or reticle or \$3PSM) same (ring\$3 or window\$3 or fram\$3 or border\$3 or edge\$3) same ("nearfield" or "near" field) same (resist or photoresist) not 6 not 7 not 10 not 18 not 20 not 22 not 26 not 27 not 28	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:45
L30	39	(mask or photomask or reticle or \$3PSM) same (ring\$3 or window\$3 or fram\$3 or border\$3 or edge\$3) same ((reduc\$4 or expos\$3 or project\$3) near2 ratio) same (resist or photoresist) not 6 not 7 not 10 not 18 not 20 not 22 not 26 not 27 not 28 not 29	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:47
L31	18	(Andrew J near2 Watts).in. not 6 not 7 not 10 not 18 not 20 not 22 not 26 not 27 not 28 not 29 not 30	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:53
L32	22	(laser same (direct\$3 near2 writ\$3) same (resist or photoresist)).ti,ab.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:55
L33	32	(polymethylmethacrylate or PMMA) same (resist or photoresist) same (electron beam or e beam or laser) same (direct\$2 near2 writ\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 10:59
L34	12	4 and (identif\$7 or "ID") same (mask or photomask or reticle or \$3PSM) same library	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 11:04
L35	78	3 and (identif\$7 or "ID") same (mask or photomask or reticle or \$3PSM) same library	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 11:05
L36	21	35 and (mask or photomask or reticle or \$3PSM) same (repair\$3 or remanufactur\$3 or remak\$3 or refabricat\$3 or rework\$3 or defect\$3)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 11:08

## EAST Search History

L37	2	((embed or embedded or embedding) near3 (attenuat\$3 or halftone or half tone or semitransparen\$3 or semi transparen\$3) and ((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or \$3PSM) or EAPSM or (embed or embedded or embedding) and (APSM or att PSM or attPSM)) and etch\$3 and (resist or photoresist) and (fram\$3 or border\$3 or edg\$3) and ((mask or photomask or reticle) or \$3PSM) and (identif\$7 or "ID") and (library or collect\$3 or storing or storage or stored) and (repair\$3 or remanufactur\$3 or remak\$3 or refabricat\$3 or rework\$3 or defect\$3)).clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/04/19 11:33
-----	---	---	---------------------------------	-----	----	------------------